METHOD AND APPARATUS FOR MIGRATION OF MANAGED APPLICATION STATE FOR A JAVA BASED APPLICATION

ABSTRACT OF THE DISCLOSURE

An invention for migrating managed application state for a Java based application is disclosed. A first Java module is executed on a first server. The first Java module includes a first entity bean and a first state object in communication with the first entity bean. The first state object stores a state of the first entity bean. The first state object is replicated to a state server or stored in-memory and made capable of migration by replicated state manager. Then, a second Java module is started on a second server as part of the module migration by a control module. The second Java module includes a second state object that is populated with state by either recovering from replica of first state object stored on the state server or by getting transferred state of an in-memory copy of first state object managed on first server.